

FIG. 1

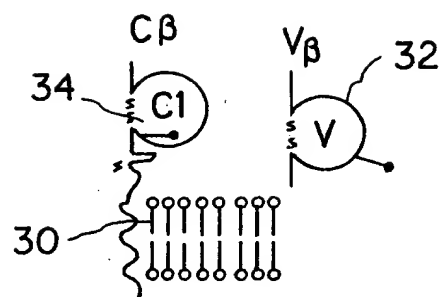


FIG. 2

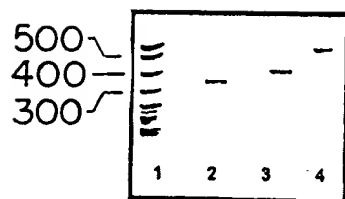


FIG. 3

Immunofluorescence of MCA-26 tumor cells
(Fl-control, Fl-anti-V alpha 3, Fl-anti-TCR alpha/beta, Fl-anti-Vbeta 8)

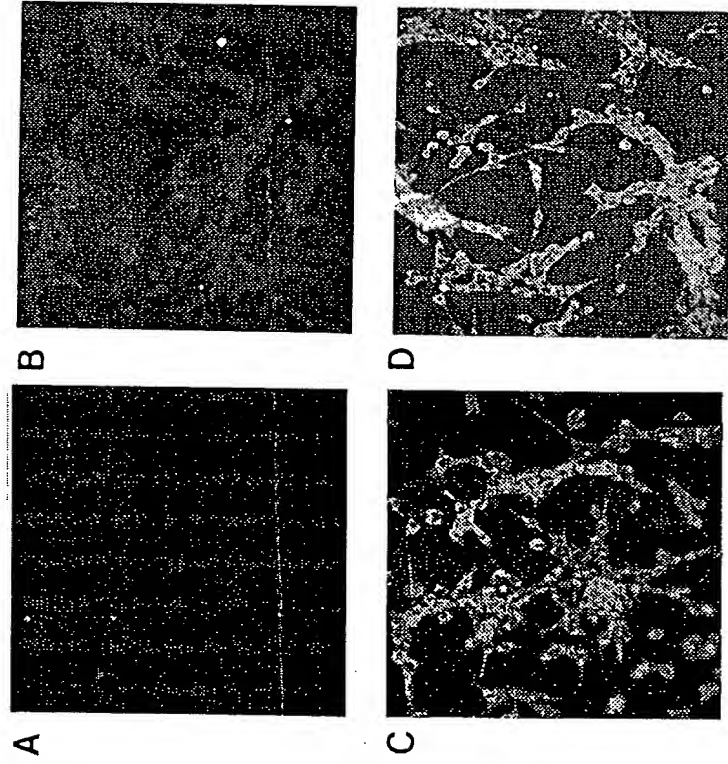


FIG. 4

FIG. 5

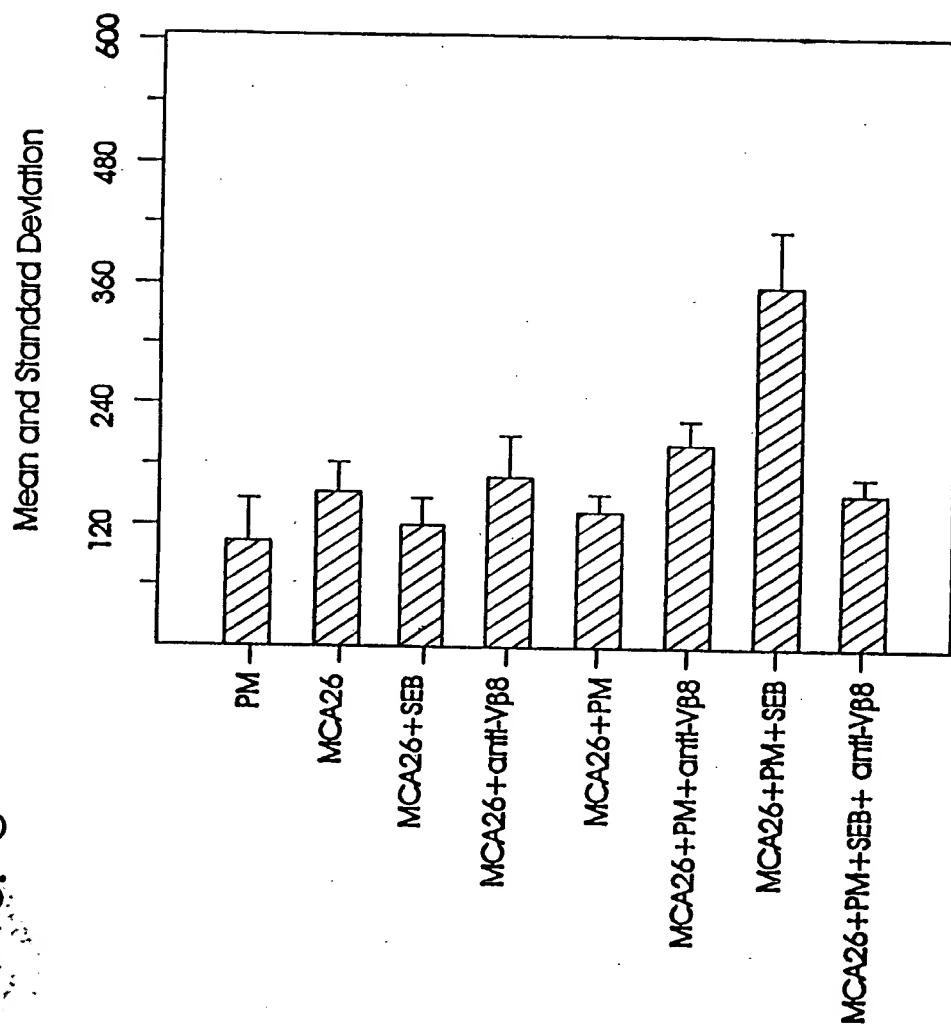




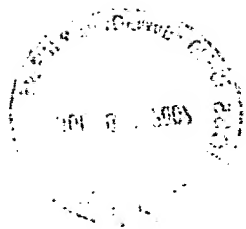
FIG. 6

a) (INSET) A W/Fu RAT BEARING SMT-2A SHOWS MASSIVE, GENERALIZED LYMPH NODE METASTASIS.

b) SMT-2A CELLS IMMUNO-CYTOCHEMICALLY STAINED WITH MOUSE MONOCLONAL ANTIBODY SPECIFIC TO THE RAT CD8 T-CELLS. THE SECONDARY ANTIBODY WAS LABELED WITH FITC.

M= LYMPH NODE METASTASIS

P= PRIMARY SMT-2A TUMOR



Growth characteristics of SW480E and SW480R colon tumor cells in athymic nude mice

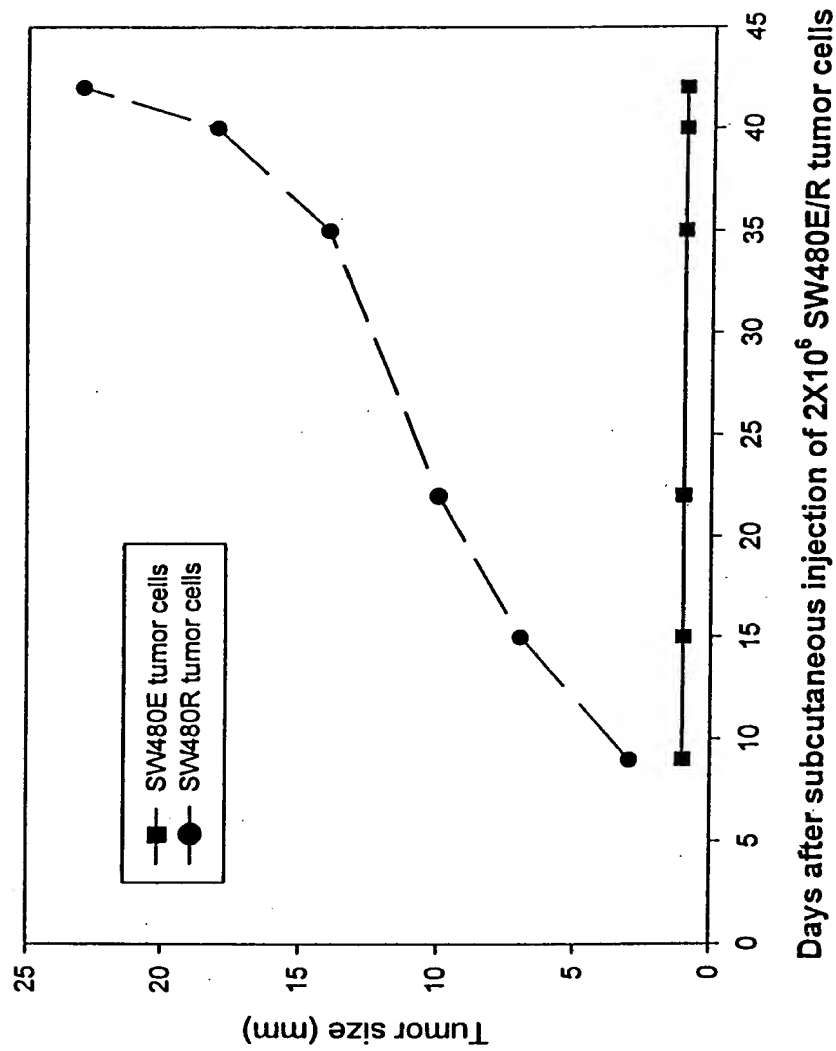
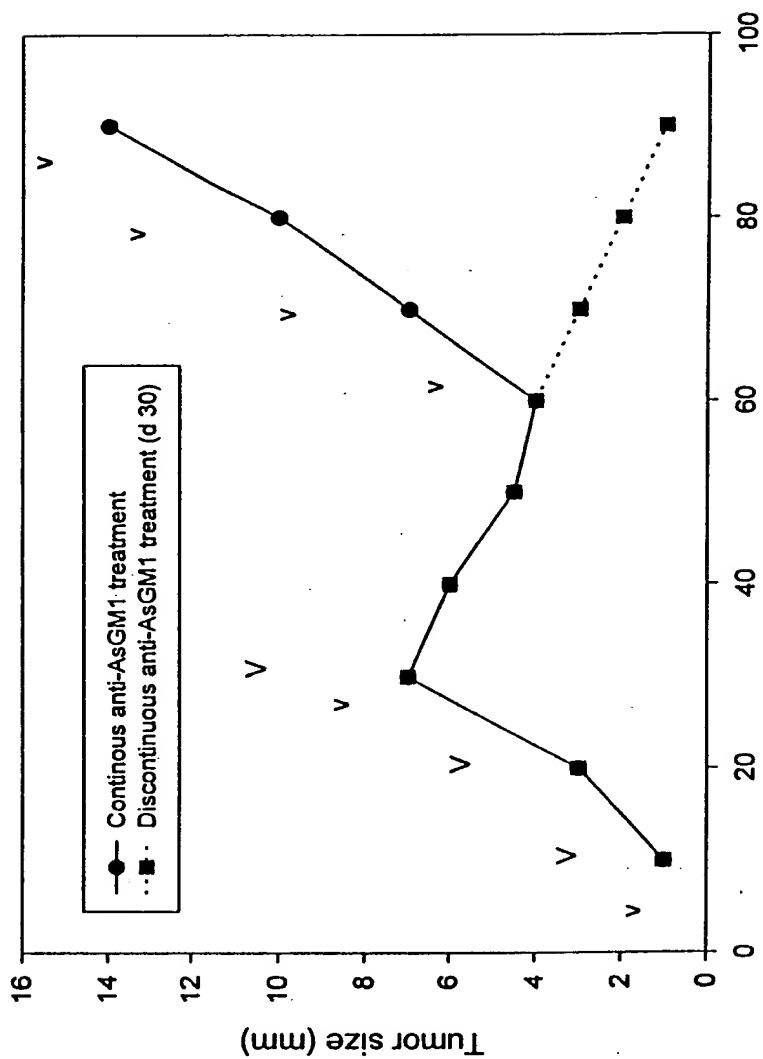


FIG. 7

Effect of continuous vs. discontinuous anti-AsGM1 treatment
on growth and metastasis of NK sensitive SW480E tumor cells



Days after subcutaneous injection of 2×10^6 SW480E tumor cells

^ = IP injection of anti-AsGM1

FIG. 8

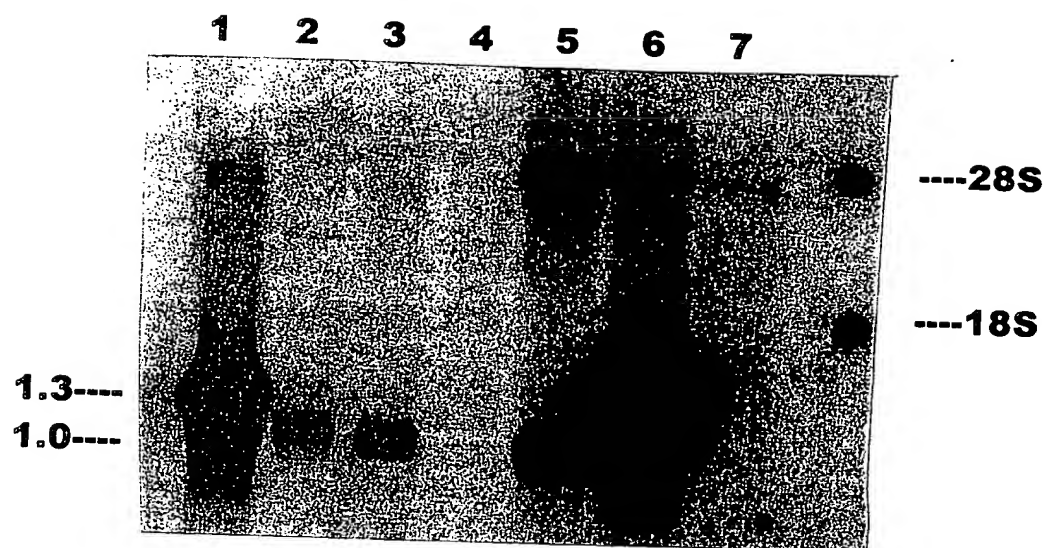


FIG. 9



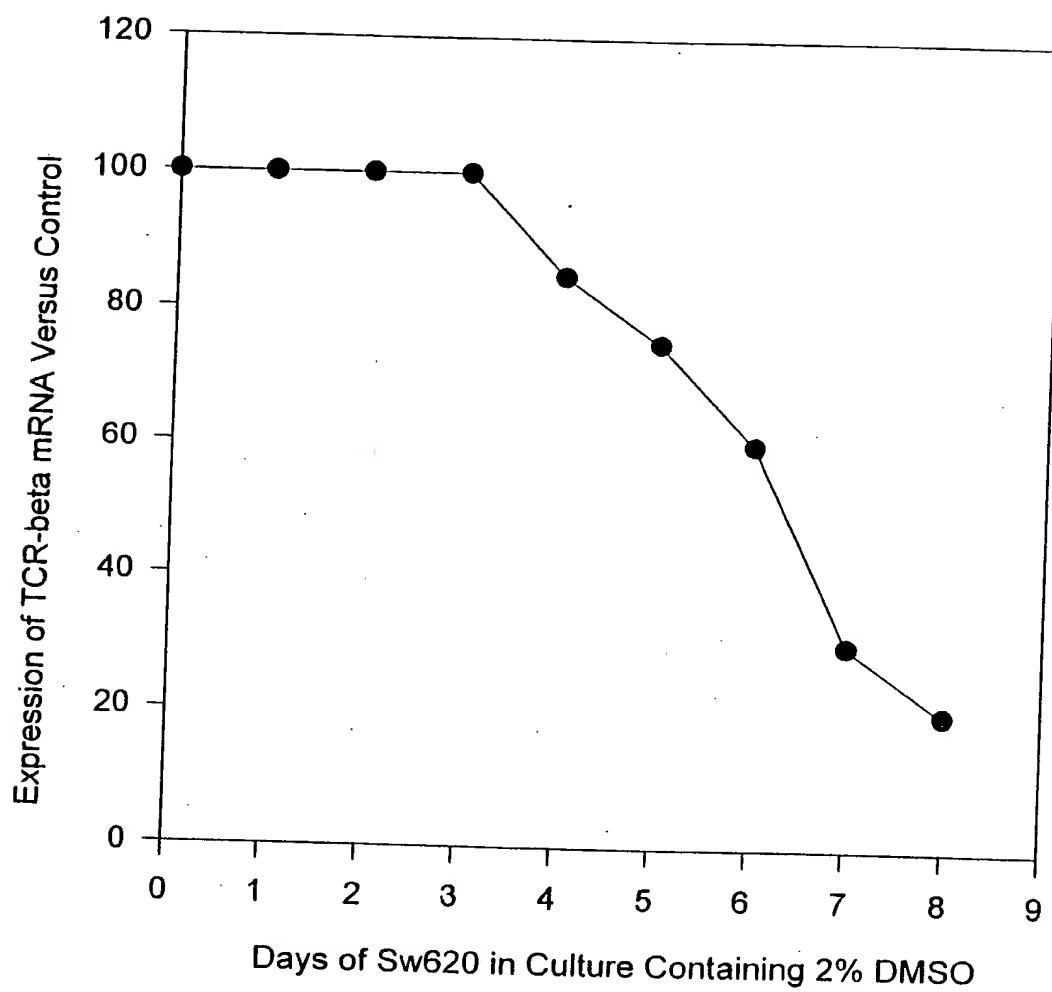


FIG. 10



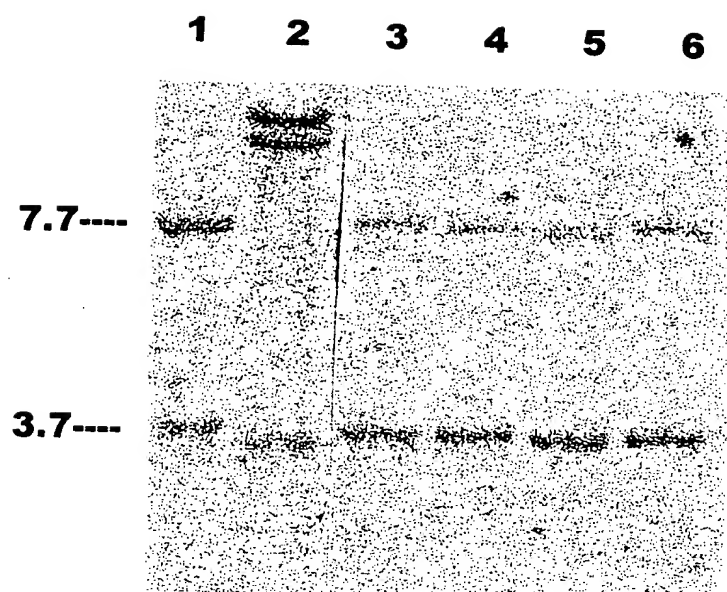


FIG. 11

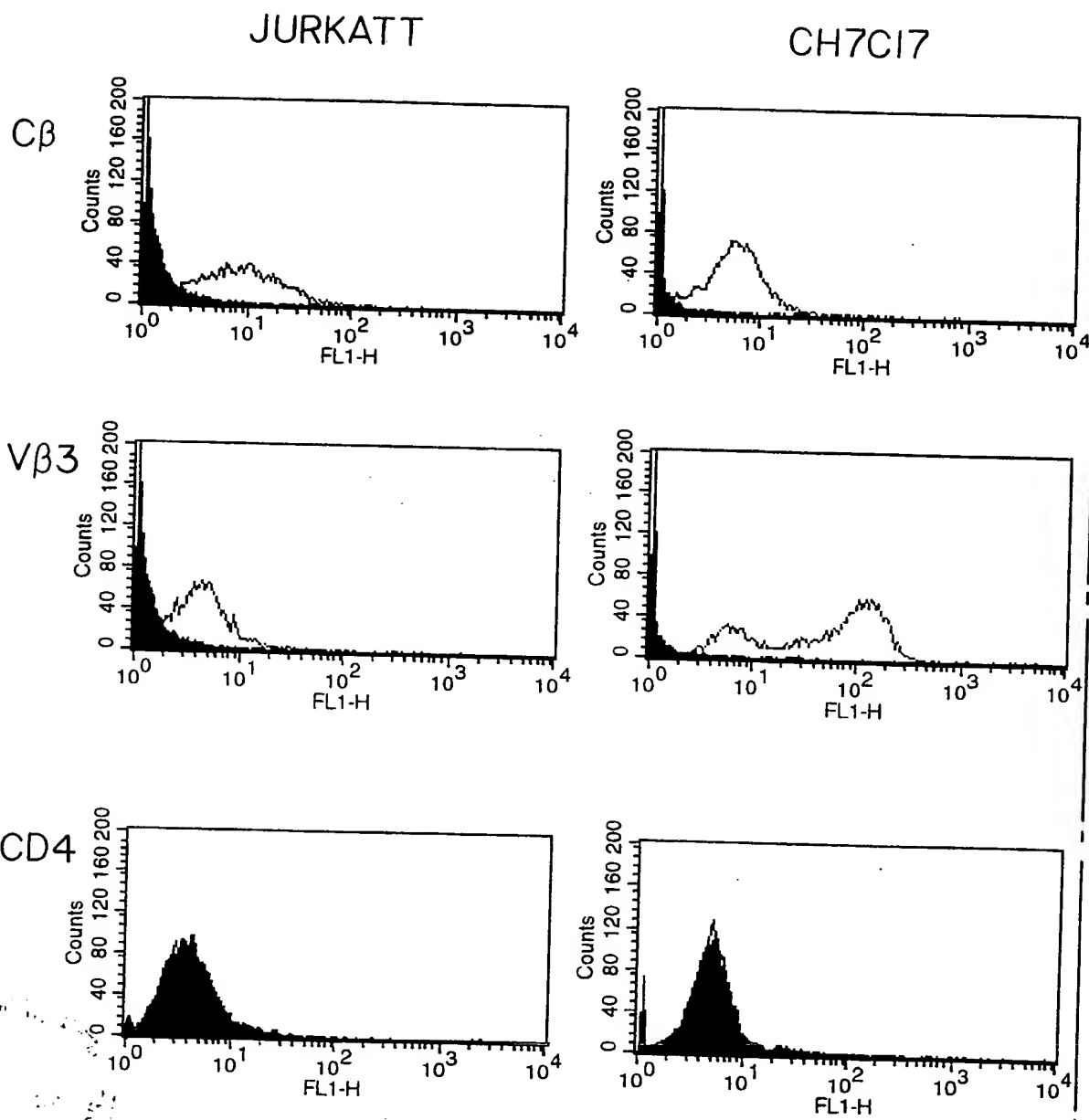


FIG. 12

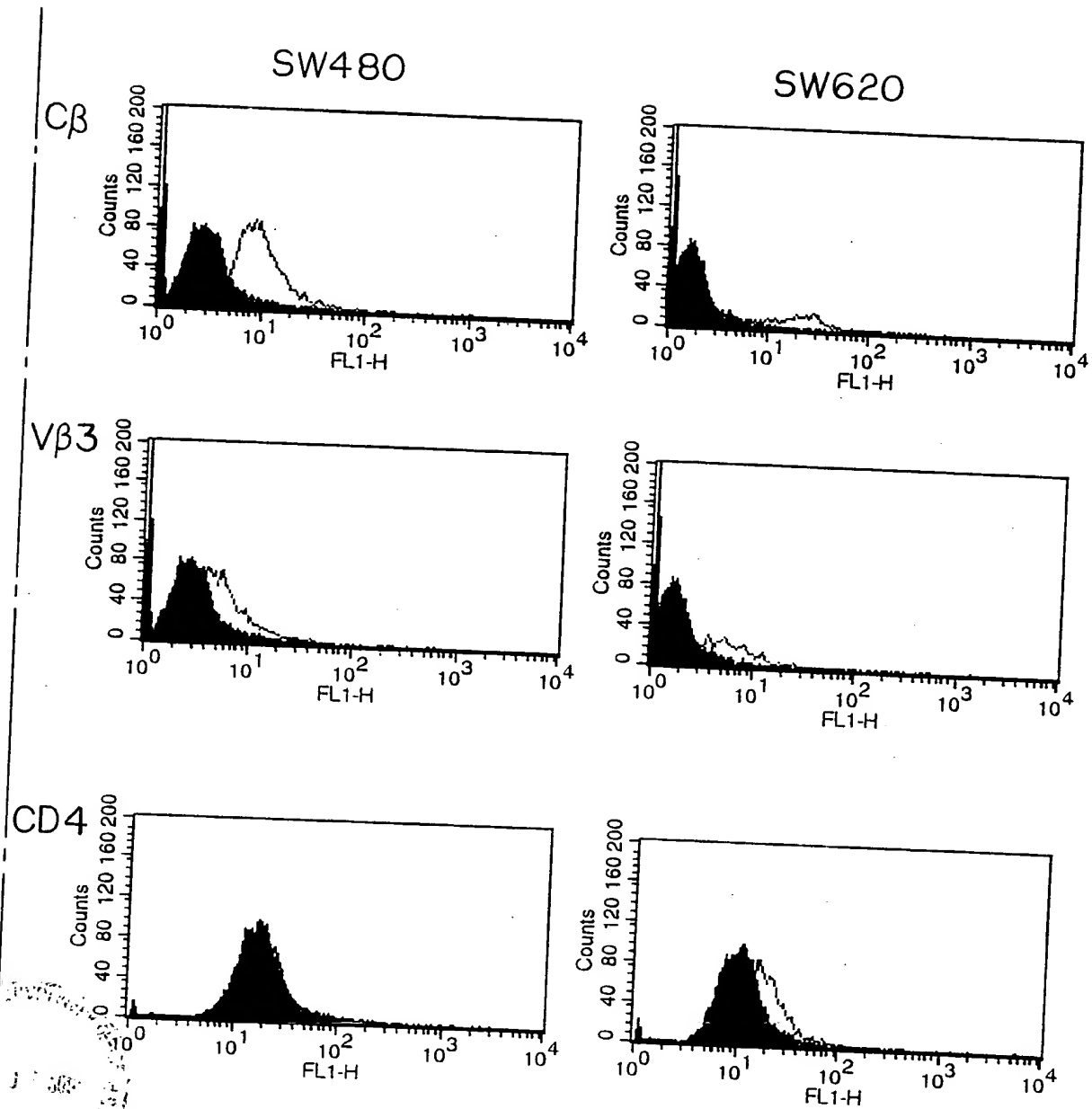


FIG. 12 (CONTINUED)

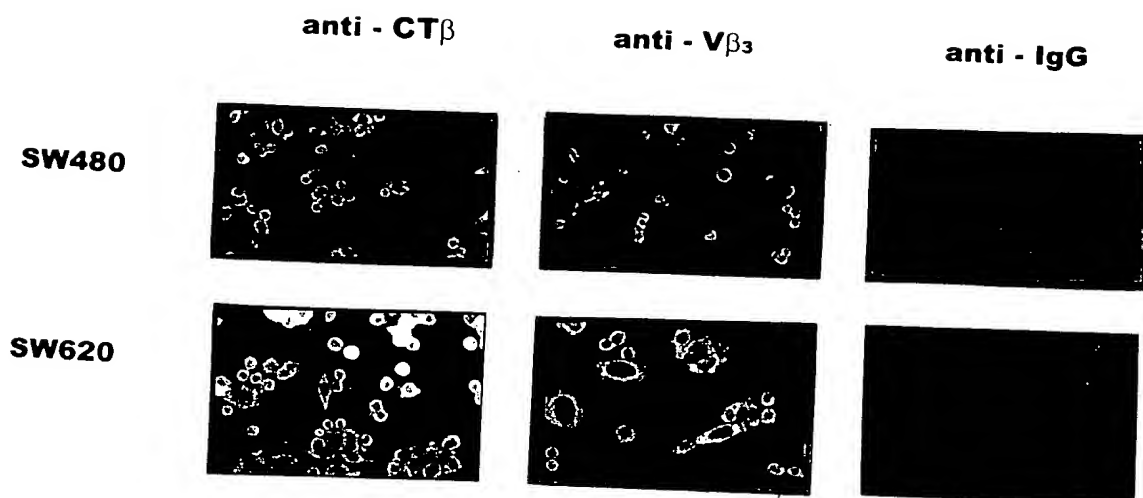
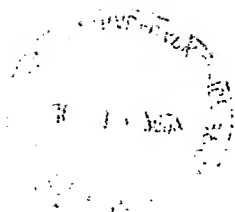


FIG. 13



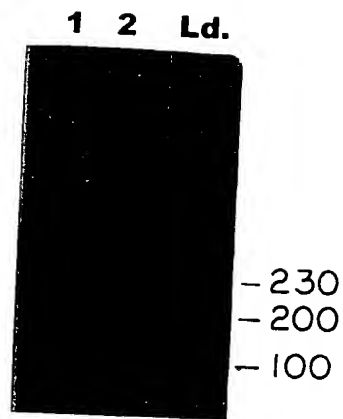


FIG. 14

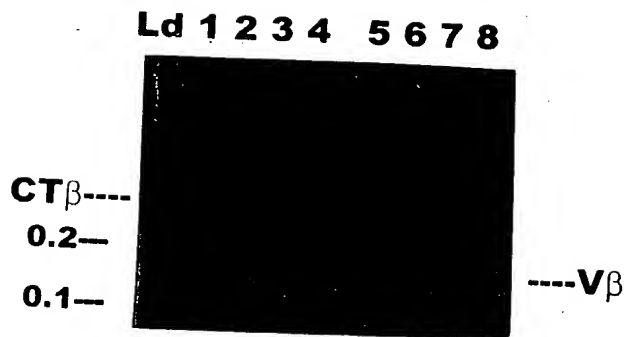


FIG. 15

A

```

1      11      21      31      41      51      61      71
TGCACAGTGGGTGACACAGACCCGCGAGCCCTCAAGGAGCAGCCCGCCCTCAATGACTCCAGATACTGCCTGAGCAGC
TGCACAGTGGGTGACACAGACCCGCGAGCCCTCAAGGAGCAGCCCGCCCTCAATGACTCCAGATACTGCCTGAGCAGC
TGCACAGTGGGTGACACAGACCCGCGAGCCCTCAAGGAGCAGCCCGCCCTCAATGACTCCAGATACTGCCTGAGCAGC
81      91      101      111      121      131      141      151      161
CGCCTGAGGGTCTCGGCCACCTTCTGGCAGAACCCCGCAACCACTTCGCGTGTCAAGTCCAGTTCTACGGGCTCTCGGAG
CGCCTGAGGGTCTCGGCCACCTTCTGGCAGAACCCCGCAACCACTTCGCGTGTCAAGTCCAGTTCTACGGGCTCTCGGAG
CGCCTGAGGGTCTCGGCCACCTTCTGGCAGAACCCCGCAACCACTTCGCGTGTCAAGTCCAGTTCTACGGGCTCTCGGAG
171      181      191      201      211      221      231      241
AATGACGAGTGGACCCAGGATAGGGCCAAACCCGTCACCCAGATCGTCAGCGCCGAGGCCCTGGGGTAGAGCAGACTGTGG
AATGACGAGTGGACCCAGGATAGGGCCAAACCCGTCACCCAGATCGTCAGCGCCGAGGCCCTGGGGTAGAGCAGACTGTGG
AATGACGAGTGGACCCAGGATAGGGCCAAACCCGTCACCCAGATCGTCAGCGCCGAGGCCCTGGGGTAGAGCAGACTGTGG
251      261
CTTTACCTCGGTGTCCTACCAAGGG.....PBL
CTTTACCTCGGTGTCCTACCAAGGG.....SW480
CTTTACCTCGGTGTCCTACCAAGGG.....SW620

```

B

```

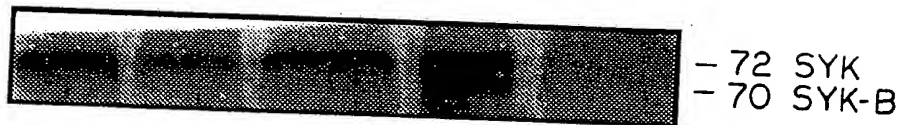
1      11      21      31      41      51      61      71
TGGGGCTACGGGTGATCTATTTCTCATATGATGTTAAATGAAAGAAAGGAGATATTCCTGAGGGGTACAGTG
TGGGGCTACGGGTGATCTATTTCTCATATGATGTTAAATGATAGAAAGGAGATATCCCTGAGGGGTACAGTG
TGGGGCTACGGGTGATCTATTTCTCATATGATGTTAAATGATAGAAAGGAGATATCCCTGAGGGGTACAGTG
TGGGGCTACGGGTGATCTATTTCTCATATGATGTTAAATGAAAGAAAGGAGATATCCCTGAGGGGTACAGTG
81      91      101      111
TCTCTAGAGAGAAGGAGCGCTTCTCCCTGATTCTG.....PBL
TCTCTAGAGAGAAGGAGTGCTTCTCCCTGATTCTG.....SW480
TCTCTAGAGAGAAGGAGTGCTTCTCCCTGATTCTG.....SW620
TCTCTAGAGAGAAGGAGTGCTTCTCCCTGATTCTG.....COLO205

```

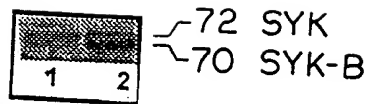
FIG. 16

FIG. 17

A



B



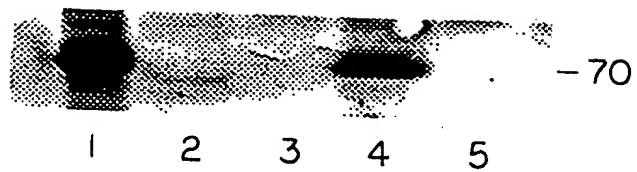


FIG. 18

Effect of anti-V beta 3 on proliferation of SW620 cells in serum free media

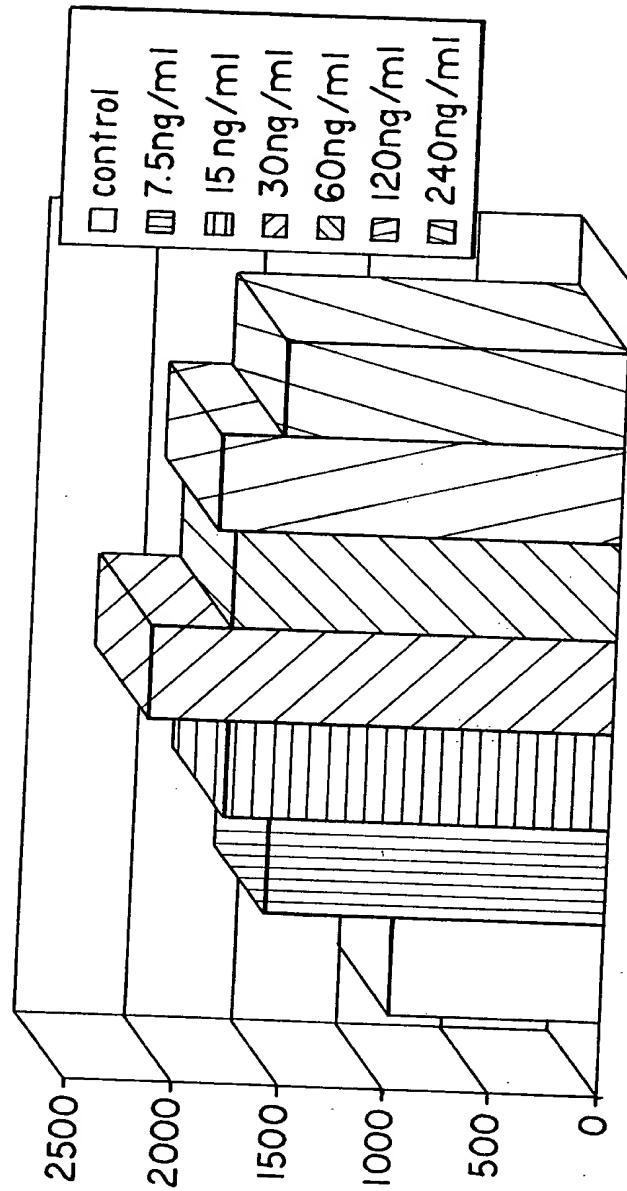


FIG. 19

Effect of IL-16 on proliferation of SW620 cells in serum free media

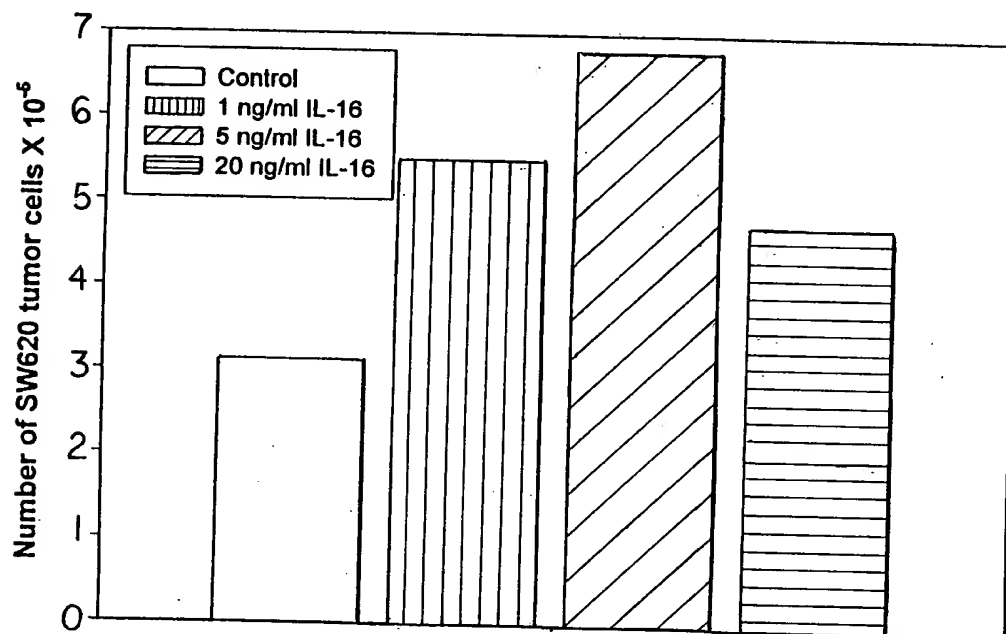
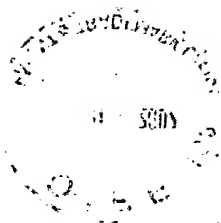
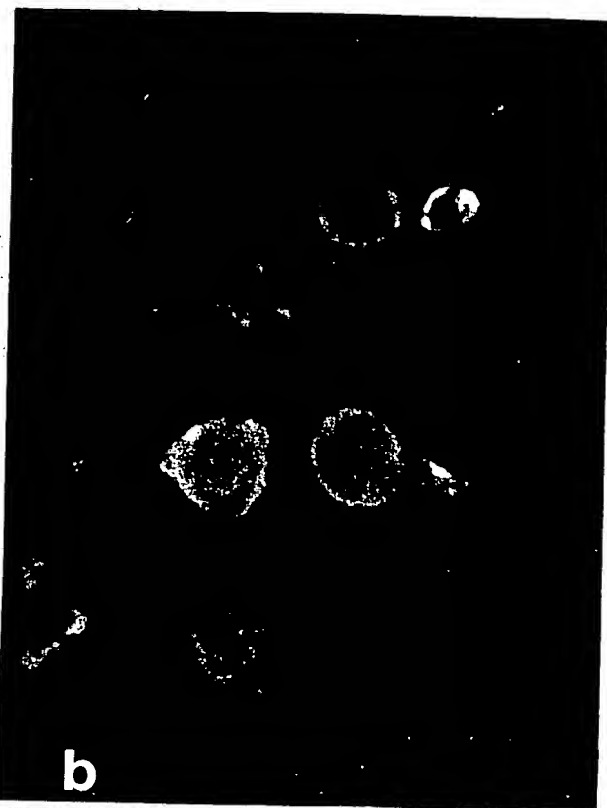


FIG. 20

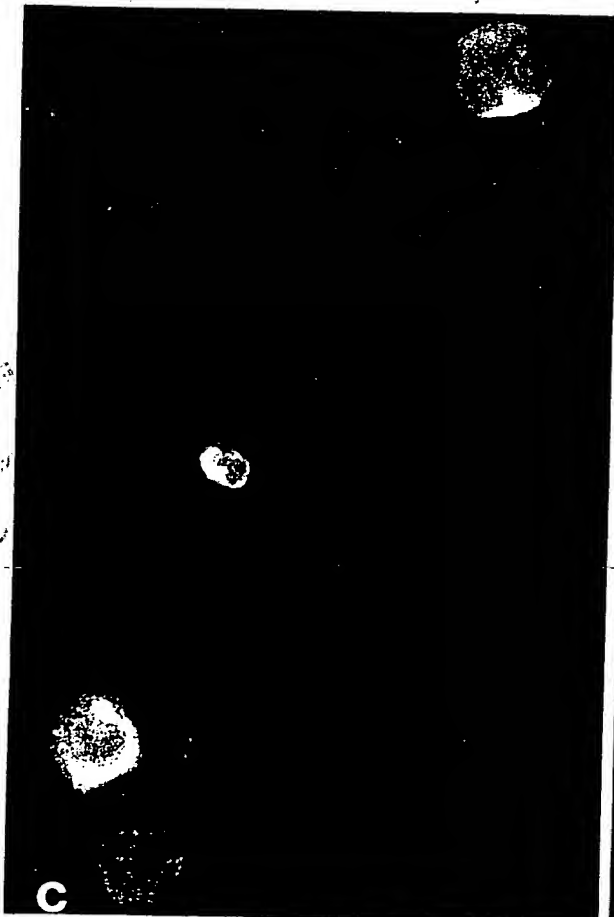




a



b



c



d

FIG. 21

FIG. 22A

Sample : #294 BR. CA.092989 001
 Cytometer: FACSCAN
 FL1 : CD 45F FL2: CD 3 PE

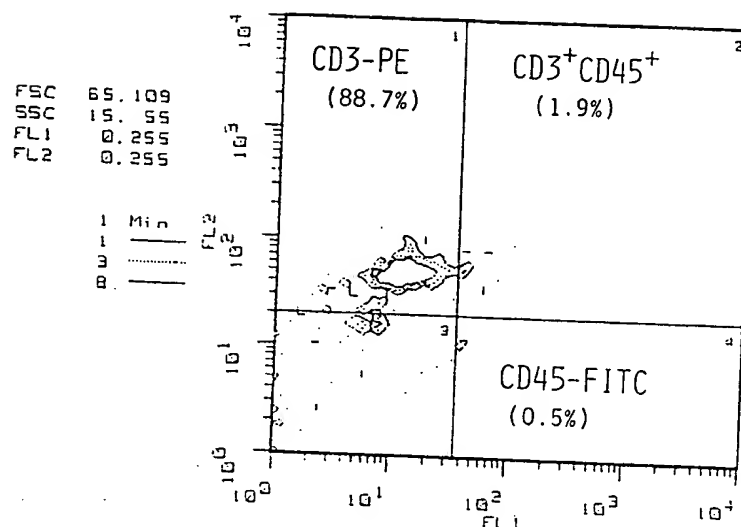
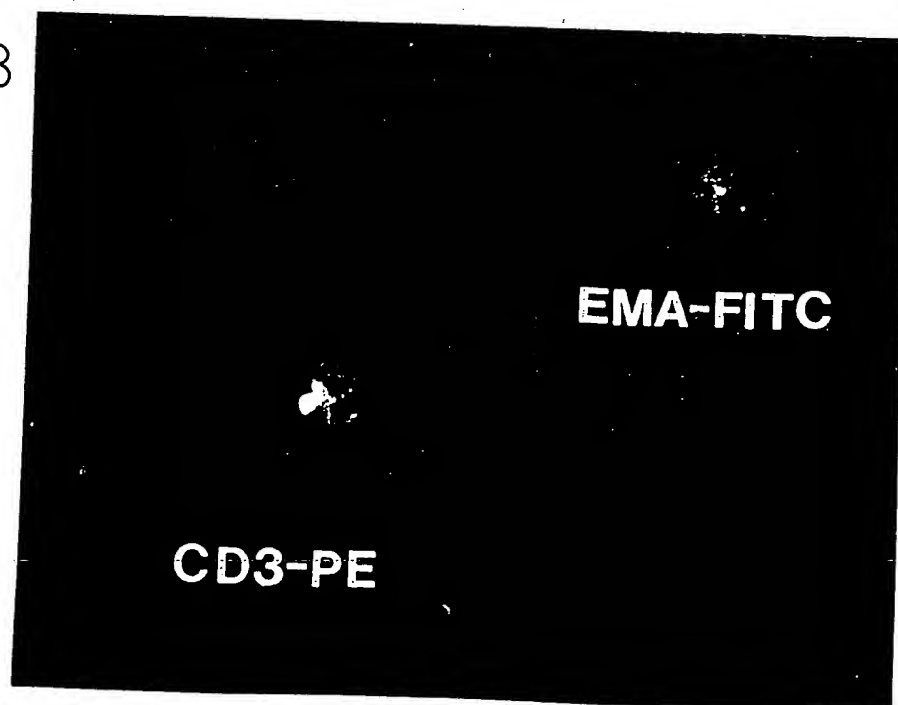


FIG. 22B



PE = PHYTOERYTHRIN (RED DYE); FITC = FLUORESCENCE ISOTHIOCYANATE (GREEN DYE). EMA = EPITHELIAL MEMBRANE ANTIGEN (INDICATES THESE CELLS ARE BREAST CANCER CELLS).